PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2880

INSTRUCTIONS: This form abould be used for transmitting the ISSUE FEE and PUBLICATION IFEE (if required.) Backet I through 5 should be completed where appropriate. All interfer correspondance including the Patent, advance orders and notifications of maintenance fee will be nailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance for entifications.

CURRENT CORRESPONDE	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.							
20212	7590 08/14	/2008		have its own certif	cate of m	iling or transmission.		
DLA PIPER US 4365 EXECUTIV SUITE 1100	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (57)1273-2885, on the date indicated below.							
SAN DIEGO, CA 92121-2133				Aldon Griffis \ / (Pepositor's name)				
				allown Duff (Signature)				
				November	11, 20	008	VV	(Date)
APPLICATION NO. FILING DATE			FIRST NAMED INVENTOR		ATTORNEY DOCKET N		CONFIRMATION NO.	
09/943,641 08/30/2001			Philip A. Beachy			JHU1970-1 9388		
TITLE OF INVENTION:	IDENTIFICATION OF	F ACTIVATED RECEPT	ORS AND ION CHA	NNELS				
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE PREV. PAID I	SUE FEE	TOTAL FEE(S) DUE	DATE D	JE
nonprovisional	YES	\$720	\$300	\$0		\$1020	11/14/20	800
EXAMINER		ART UNIT	CLASS-SUBCLASS					
CHANDRA, GYAN		1646	435-007100					
"Fee Address" indi	nce address or indication indence address (or Cha /122) attached. cation (or "Fee Address for more recent) attach	(1) the names of u or agents OR, alter (2) the name of a s registered attorney 2 registered patent	rinting on the patent front page, list amnes of up to 3 registered patent attorneys anne of a single firm (having as a member a d attorney or agend) and the names of up to red patent attorneys or agents. If no name is anne will be printing.					
(A) NAME OF ASSIG	es an assignee is ident in 37 CFR 3.11. Comp NEE ins Universit	ified below, no assignee oletion of this form is NO	data will appear on the Ta substitute for filing (B) RESIDENCE: (Conditions)	ne patent. If an as an assignment. ITY and STATE C Baltimore,	R COUN Maryl	TRY)		
4a. The following fec(s) a ☑ Issue Fee ☑ Publication Fee (No ☑ Advance Order - #	(Please first reapply any previously paid issue fee shown above) seed. its ead, Form PTO-2038 is attached. sereby submérized to charge the required fee(s), any deficiency, or credit any Deposit Account Number (7-1.896. (encloies an extra copy of this form).							
5. Change in Entity Stat			D					
NOTE: The Issue Fee and	SMALL ENTITY state					TITY status. See 37 CI		r norty in
interest as shown by the n	cords of the United Sta	tes Patent and Trademark	Office.	an uic applicant, a	registered	autoritey of agent, of th	e assigned of othe	a party in
Authorized Signature Lise A. Haile, J.D., Ph.D.				Date		er 11, 2008		
Typed or printed name	Registration	n No	38,347		-			
This collection of informa an application. Confident submitting the completed this form and/or suggestic Box 1450, Alexandria, Vi Alexandria, Virginia 2231	tion is required by 37 C ality is governed by 35 application form to the use for reducing this bur- rginia 22313-1450. DC 3-1450.	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th ONOT SEND FEES OR	on is required to obtain 1.14. This collection is depending upon the is e Chief Information O COMPLETED FORM	or retain a benefit s estimated to take ndividual case. An fficer, U.S. Patent S TO THIS ADDR	by the pub 12 minute commer and Trade ESS. SEN	olic which is to file (and s to complete, includin its on the amount of tin mark Office, U.S. Depa D TO: Commissioner to	by the USPTO to g gathering, prepare g you require to artment of Common for Patents, P.O. I	process) uring, and complete erce, P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number,